

1. (Thrice Amended) A method of determining an analyte in a sample comprising the steps of:

a) contacting the sample with an amount of a receptor which binds specifically to the analyte to form an analyte/receptor complex, and which is in excess of that required to bind all analyte in the sample,

b) isolating on a solid phase a fraction of receptor contacted with the analyte, including analyte/receptor complex and unreacted receptor, such that the ratio between said isolated fraction of receptor and receptor contacted with the sample is in a range of from about 1:2 to about 1:1000,

D1 c) detecting the amount of analyte/receptor complex in said isolated fraction, and

d) from the detected amount of analyte/receptor complex, determining the concentration of analyte in the sample.

D2 4. (Thrice Amended) The method according to claim 1 or 2, wherein isolating said fraction of receptor contacted with the sample on the solid phase comprises providing a solid phase having binding sites incorporated thereon for the receptor, and after contacting the sample, or an aliquot thereof, with a liquid phase containing the receptor, binding said fraction of receptor to the solid phase.

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6. (Amended) The method according to claim 4, wherein only a the ratio between the total binding capacity of receptor and binding capacity of receptor towards said binding sites on the solid phase is in the range of from about 2:1 to 1000:1.

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7. (Twice Amended) The method according to claim 1 or 2, wherein isolating said fraction of receptor on the solid phase comprises contacting the sample with receptor, wherein a minor fraction of said receptor is immobilized to said solid phase and the remaining amount of receptor being in a liquid phase.

D⁵
12. (Twice Amended) The method according to claim 1, wherein said solid phase binding sites for the receptor are immobilized in a reaction zone of a flow matrix.

D⁶
19. (Twice Amended) A test kit for determining an analyte in a sample, comprising a receptor reagent having a first part which binds specifically to the analyte, and a solid phase member having immobilized thereon a ligand which binds specifically to a second part of the receptor, wherein receptor-binding capacity of said ligand immobilized on the solid phase member is less than ligand-binding capacity of said receptor reagent, and wherein the ratio

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between receptor-binding capacity of ligand immobilized on the solid phase and ligand-binding capacity of the analyte-specific receptor reagent is in the range of from about 1:2 to about 1:1000.

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21. (Trice Amended) The test kit according to claim 19, further comprising a lateral flow membrane strip having said receptor-binding ligand immobilized in or on a reaction zone of the membrane and having said analyte-binding receptor reagent dissolvably pre-deposited in or on the membrane upstream of the reaction zone.

D8
22. (Twice Amended) A test kit for determining an analyte in a sample, comprising a receptor reagent having a first part which binds specifically to the analyte, wherein only a fraction of receptor reagent has a second part which binds to a specific ligand, and a solid phase member having said specific ligand immobilized thereon, such that the ratio between ligand-binding analyte-specific receptor and analyte-specific receptor is in a range of from about 1:2 to about 1:1000.

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24. (Trice Amended) The test kit according to claim 22, further comprising a lateral flow membrane strip having said receptor-binding ligand immobilized in or on a reaction zone of the

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membrane and having said analyte-binding receptor reagent dissolvably pre-deposited in or on the membrane upstream of the reaction zone.

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25. (Twice Amended) A test kit for determining an analyte in a sample, comprising an analyte-binding receptor reagent, and a solid phase member having immobilized thereon said analyte-binding receptor reagent, wherein the ratio between said second amount of analyte-binding receptor reagent immobilized to the solid phase, and said first and second amounts of analyte-binding receptor reagent together is in range of from about 1:2 to about 1:1000.

27. (Amended) The test kit according to claim 25, comprising a lateral flow membrane strip having a second amount of analyte-binding receptor immobilized in or on a reaction zone of the membrane and having said first amount of analyte-binding receptor dissolvably pre-deposited in or on the membrane upstream of the reaction zone.

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28. (Amended) The test kit according to claim 25, comprising a solid phase well having said amount of analyte binding receptor immobilized therein and having said first amount of analyte-binding

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receptor dissolvably pre-deposited in the well or in close contact with the well.

DK2
31. (Amended) The method according to claim 12, wherein said flow matrix is a lateral flow matrix.

33. (Twice Amended) The test kit according to claim 19, wherein the ratio between receptor-binding capacity of ligand immobilized on the solid phase and ligand-binding capacity of the analyte-specific receptor reagent is in a range of from about 1:5 to 1:100.

34. (Twice Amended) The test kit according to claim 19, wherein the ratio between receptor-binding capacity of ligand immobilized on the solid phase and ligand-binding capacity of the analyte-specific receptor reagent is no more than about 1:20.

DK3
35. (Twice Amended) The test kit according to claim 22, wherein the ratio between ligand-binding analyte-specific receptor and analyte-specific receptor is in a range of from about 1:5 to 1:100.

36. (Twice Amended) The test kit according to claim 22, wherein the ratio between ligand-binding analyte-specific receptor and analyte-specific receptor is no more than about 1:20.

37. (Twice Amended) The test kit according to claim 25, wherein the ratio between said analyte-binding receptor substance immobilized to the solid phase, and total analyte-binding receptor reagent in said kit is in a range of from about 1:5 to 1:100.

38. (Twice Amended) The test kit according to claim 25, wherein the ratio between said analyte-binding receptor substance immobilized to the solid phase, and total analyte-binding receptor reagent in said test kit is no more than about 1:20.
